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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEP 11 2003

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In re U.S. Patent Application)

YOSHII *et al.*)

Application 09/554,186)

Art Unit 1643

Filed: May 9, 2000)

Examiner Betty J. Forman

For: BIOCHIP AND METHOD FOR USING THE SAME)

Attorney Docket No. HIRA.0081)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

COVER LETTER

Sir:

[x] The fee for submission of additional claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	25	25	5 (Over 20)	x \$18	0
Independent Claims	3	3	0 (Over 3)	x \$84	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
			TOTAL		0

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

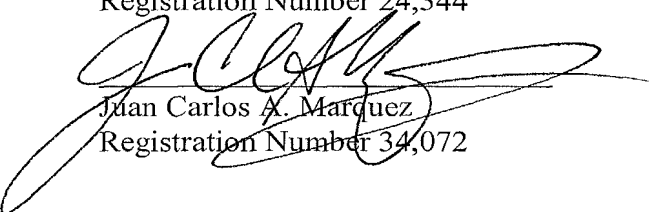
[x] Response to Office Action
(with Claim Amendments)
[] Information Disclosure Statement
[] Preliminary Amendment
[] Substitute Specification
[] Other _____

[] Petition for Extension of Time
[] Terminal Disclaimer
[] Letter to Draftsperson
[] Assignment
[] Petition under _____

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [] A check in the amount of \$_____ to cover the additional claim fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344



Juan Carlos A. Marquez
Registration Number 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200

September 9, 2003



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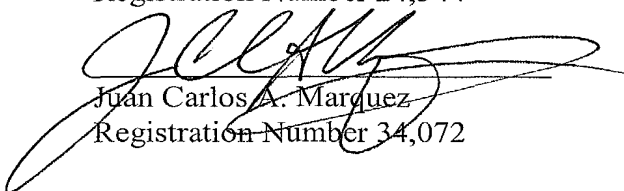
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Washington, D.C. 20231

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

This is in response to the office action dated June 9, 2003, in the above identified application, the period for response is set to expire on September 9, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows: